

## REMOVING A CHANNEL, GROUP, LEFT or RIGHT CIRCUIT BOARD

Before beginning any service work, remove all power to the console and disconnect any signal cables where necessary. Service work is best carried out with the console inverted or positioned upright on its rear with the connectors removed. Ensure adequate lighting and use the correct tools. To remove some circuit boards it may be necessary to first remove the power supply sub-chassis (A). Refer to the section on SERVICE ACCESS in Section C.

- 1.) Before inverting the console, pull off the knobs and remove the pot nuts from the circuit assembly to be removed. The switch caps can remain in place.
- 2.) Removal of the CHANNEL, GROUP or LEFT circuit boards will require the removal of the corresponding connector circuit board assemblies first. Working from the rear of the console remove the XLR fixing screws and jack nuts from the connectors of the channel(s) to be removed. Refer to the procedure REMOVING A CONNECTOR CIRCUIT BOARD on the previous page if necessary.

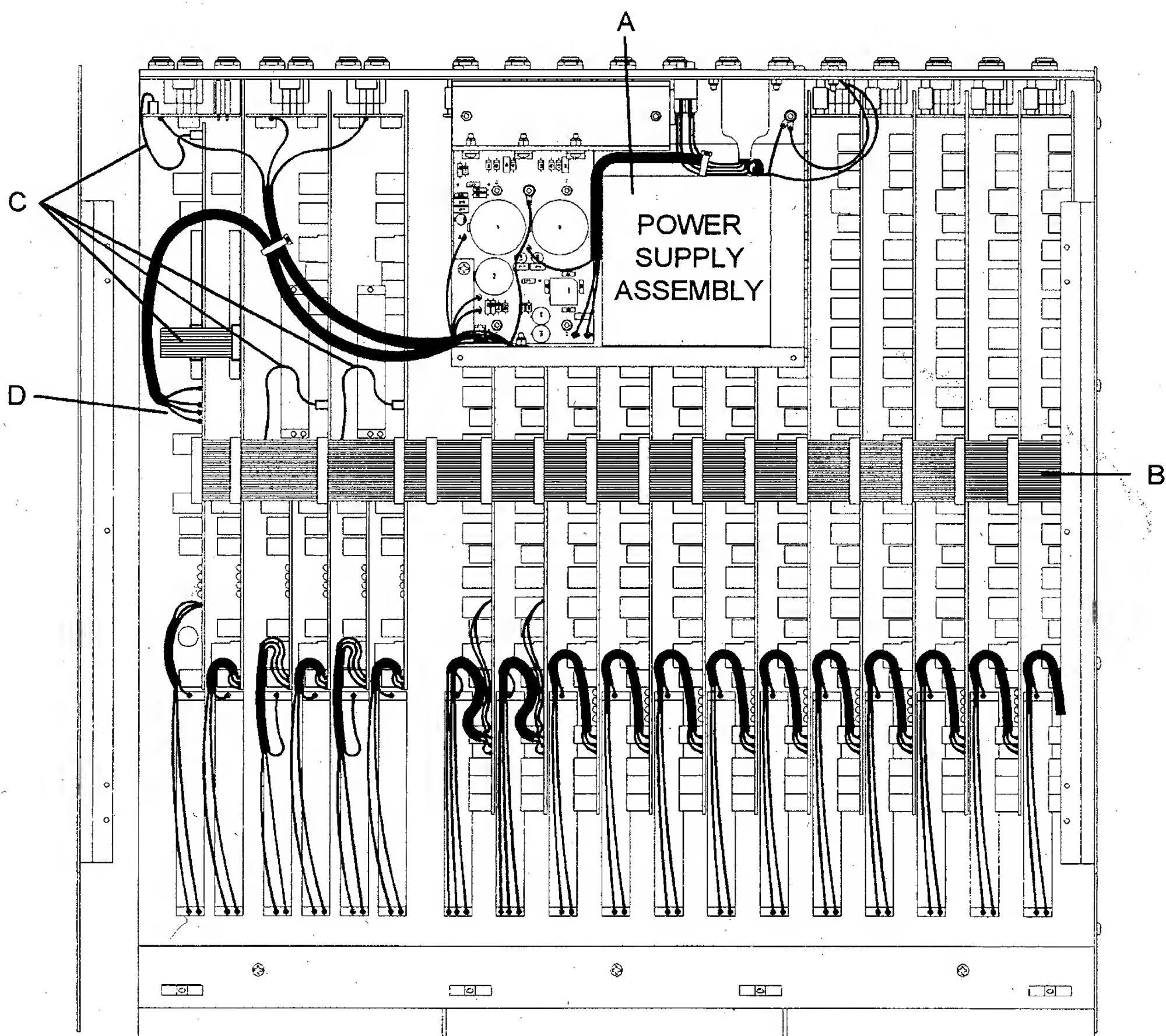
This is not necessary when removing the RIGHT circuit board assembly.

- 3.) With the console inverted or on its rear, remove the base, identify the circuit board to be removed and then disconnect the main harness (B) plugged into the connectors mounted along the edge of the circuit board. If removing a GROUP, LEFT or RIGHT circuit assembly, the flat ribbon cables (C) will have to be carefully unplugged as well.

When removing the RIGHT circuit assembly, take care not to stress the power wiring (D) soldered to the circuit board.

- 4.) The circuit board can now be removed, take care not to stretch the fader wires that are still connected.

When all service work is complete, remove all debris such as solder, component legs and wire clippings from inside the console and check your work carefully before reassembly. To refit the circuit assembly follow the above procedure in reverse order. Make sure all harnesses are correctly aligned and plugged on. Test for correct operation.



CONSOLE FRONT

GL2000-412 inverted with the base cover removed.  
(side trim removed for clarity)